**EAST Search History**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L1 | 223 | ("self sealing" or "self-sealing" or "self seal" or "self-sealing") and ("607"/$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 17:38 |
| L2 | 20 | ("self sealing" or "self-sealing" or "self seal" or "self-sealing") and (600/372-397.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 17:39 |
| L3 | 20 | ("self sealing" or "self-sealing" or "self seal" or "self-seal") and (600/372-397.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 17:40 |
| L4 | 223 | ("self sealing" or "self-sealing" or "self seal" or "self-sealing") and ("607"/$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 17:40 |
| L5 | 202 | (reseal$4 or "re-seal") and ("607"/$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 17:47 |
| L6 | 401 | 4 5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 17:47 |
| L7 | 31 | ("0452220" \| "3485247" \| "3865118").PN. OR ("4271847").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 17:59 |
| L8 | 7 | ("4105037" \| "5233987" \| "5679026" \| "5906634" \| "6285905" \| "6409531"). PN. OR ("6546289"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 18:05 |
| L9 | 23 | ("3974834" \| "5545206" \| "5755766" \| "5759202" \| "5800495" \| "5800497" \| "5803928" \| "5931864" \| "6001085" \| "6070104" \| "6122552" \| "6240321"). PN. OR ("6408213"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 18:06 |

| L10 | 40 | ("4373527" \| "4484987" \| "4494950" \| "4496349" \| "4627906" \| "4650547" \| "4671288" \| "4692147" \| "4703756" \| "4781798" \| "4809704" \| "4890620" \| "4934369" \| "4944299" \| "4954129" \| "5001054" \| "5156620" \| "5165407" \| "5190041" \| "5330528"). PN. OR ("5651767"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 18:14 |
| L11 | 989 | (seal$4 with (withdraw$4 or remov$4)) and ("607"/$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 18:19 |
| L12 | 117 | 11 and ((stylet or wire or guidewire or "guide-wire" or stiffen$4 or obturator or introducer) with (seal$4 or plug$4 or close or closed or closure or membrane or overmold or cap or capping or cover$4)) and ((seal$4 or plug$4 or close or closed or closure or membrane or overmold or cap or capping or cover$4) with proximal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 18:20 |
| L13 | 1224 | ((lumen or channel) with (swell$4 or hydrogel or inflat$4)) and ("607"/$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 18:23 |
| L14 | 1190 | ((lumen or channel) with (swell$4 or inflat$4)) and ("607"/$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 18:23 |
| L15 | 75 | (coat$4 with (swell$4 or inflat$4)) and ("607"/$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 18:23 |
| L16 | 588 | ((lumen or channel) adj2 (swell$4 or inflat$4 or expand$4)) and ("607"/$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 18:27 |
| L17 | 302 | ((lumen or channel) adj (swell$4 or inflat$4 or expand$4)) and ("607"/$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 18:27 |

| L18 | 538 | ((swell$4 or inflat$4 or expand$4) adj (lumen or channel)) and ("607"/$. ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 18:27 |
|---|---|---|---|---|---|---|
| L19 | 453 | 17 or 18 and implant$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 18:28 |
| L20 | 268 | (17 or 18) and implant$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 18:28 |
| S1 | 597 | dadd-f$.in. or gibson-p$. in. or svehla-m$.in. or treaba-c$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 11:43 |
| S2 | 108 | S1 and (cochlea or cochlear) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 11:43 |
| S3 | 3268 | dadd-f$.in. or gibson-p$. in. or svehla-m$.in. or treaba-c$.in. or darley-d$. in. or parker-j$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 11:45 |
| S4 | 174 | S3 and (cochlea or cochlear) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 11:45 |
| S5 | 62 | ("20020077685" \| "20030097121" \| "4306563" \| "4357497" \| "4532930" \| "4819662" \| "4994069" \| "4351337" \| "5066278" \| "5458631" \| "5474542" \| "5531780" \| "5554114" \| "5653742" \| "5697951" \| "5755474" \| "5929041" \| "5975085" \| "6038482" \| "6038483" \| "6038484" \| "6078841" \| "6125302" \| "6163729" \| "6259951" \| "6304787" \| "6309410" \| "6398758" \| "6421569" \| "7272449"). PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 11:46 |
| S6 | 3273 | dadd-f$.in. or gibson-p$. in. or svehla-m$.in. or treaba-c$.in. or darley-d$. in. or parker-j$.in. or darley-i$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 11:47 |

| S7 | 179 | S6 and (cochlea or cochlear) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 11:47 |
|---|---|---|---|---|---|---|
| S8 | 568 | S6 and (seal$4 or closure or plug$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 11:48 |
| S9 | 70 | S7 and (seal$4 or closure or plug$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 11:48 |
| S10 | 1 | 2004-533724.NRAN. | DERWENT | OR | ON | 2009/03/15 11:49 |
| S11 | 54 | ("20030036790" \| "20030045921" \| "20030069613" \| "20030125785" \| "20030181967" \| "20030236562" \| "20040030376" \| "20040078057" \| "20040116995" \| "20040122501" \| "20040172118" \| "3890977" \| "4046151" \| "4154247" \| "4261372" \| "4357497" \| "4381013" \| "4532930" \| "4686765" \| "4762135" \| "4819647" \| "4898183" \| "5037497" \| "5443493" \| "5545219" \| "5578084" \| "5645585" \| "5653742" \| "5720009" \| "5720099" \| "5755765" \| "5769077" \| "5782744" \| "5902329" \| "5999859" \| "6038484" \| "6070105" \| "6078841" \| "6096059" \| "6119044" \| "6125302" \| "6144883" \| "6195586" \| "6304787" \| "6309410" \| "6321125" \| "6374143" \| "6397110" \| "6421569" \| "6757970" \| "6968238" \| "7063708").PN. OR ("7146227" \| "7269461" \| "7272449" \| "7328072" \| "7349744" \| "7367992" \| "7406352" \| "7451000").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 11:57 |

| S12 | 11 | ("3890977" \| "4532930" \| "5653742" \| "6119044" \| "6421569").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 11:58 |
|-----|----|---------|-----------|----|----|----------|
| S13 | 417 | ("3348548" \| "3419010" \| "3485234" \| "3558369" \| "3605726" \| "3606592" \| "3612038" \| "3664347" \| "3729008" \| "3736939" \| "3815608" \| "4257421" \| "4284085" \| "4284857" \| "4357497" \| "4390756" \| "4408608" \| "4686765" \| "4687480" \| "4819647" \| "4827940" \| "4832051" \| "4898183" \| "4991582" \| "5000194" \| "5037497" \| "5123422" \| "5256146" \| "5324321" \| "5443493" \| "5522876" \| "5545219" \| "5578084" \| "5603726" \| "5630839" \| "5645585" \| "5649970" \| "5653742" \| "5653743" \| "5667514" \| "5800500" \| "5999859" \| "6070105" \| "6125302").PN. OR ("3890977" \| "4532930" \| "5653742" \| "6119044" \| "6421569").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 11:58 |
| S14 | 16 | ("4487210" \| "5143090" \| "6070105" \| "6119044" \| "6163729" \| "6163729" \| "6259951" \| "6308101" \| "6498954").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 12:02 |
| S15 | 25 | ("4819647" \| "4832051" \| "4898183" \| "5000194" \| "5037497" \| "5443493" \| "5545219" \| "5578084" \| "5603726" \| "5645585" \| "5649970" \| "5653742" \| "5667514").PN. OR ("6070105").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 12:02 |
| S16 | 0 | ("2006/0178720").URPN. | USPAT | OR | ON | 2009/03/15 12:04 |
| S17 | 8 | ("5653742" \| "6321125" \| "6968238" \| "7319906").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 12:06 |

| S18 | 35 | ("20030045921" \| "20040030376" \| "20040078057" \| "20040116995" \| "20040122501" \| "20040172118" \| "4284085" \| "4357497" \| "4532930" \| "4819647" \| "5443493" \| "5545219" \| "5578084" \| "5603726" \| "5630839" \| "5645585" \| "5649970" \| "5653742" \| "5776178" \| "5999859" \| "6038484" \| "6070105" \| "6078841" \| "6112124" \| "6119044" \| "6125302" \| "6129753" \| "6144883" \| "6149657" \| "6163729" \| "6195586" \| "6304787" \| "6421569" \| "7146227"). PN. OR ("6968238" \| "7319906").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 12:07 |
| S19 | 509 | S5 S11 S12 S13 S14 S15 S17 S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 12:09 |
| S20 | 185 | S19 and ((stylet or guidewire or "guide-wire" or wire or stiffen$4 or introduc$4) with (lumen or channel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 12:09 |
| S21 | 28 | ("20030045921" \| "20040030376" \| "20040078057" \| "20040116995" \| "20040122501" \| "20040172118" \| "4284085" \| "4357497" \| "4532930" \| "4819647" \| "5443493" \| "5545219" \| "5578084" \| "5603726" \| "5630839" \| "5645585" \| "5649970" \| "5653742" \| "5776178" \| "6038484" \| "6070105" \| "6119044" \| "6125302" \| "6144883" \| "6195586" \| "6304787" \| "6421569" \| "7146227"). PN. OR ("7319906"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 12:12 |

| S22 | 33 | ("20020019669" \| "20030045921" \| "20040030376" \| "20040078057" \| "20040116995" \| "20040122501" \| "4284085" \| "4357497" \| "4532930" \| "4819647" \| "5092333" \| "5324321" \| "5443493" \| "5545219" \| "5578084" \| "5603726" \| "5630839" \| "5645585" \| "5649970" \| "5653742" \| "5776178" \| "6038484" \| "6070105" \| "6119044" \| "6125302" \| "6144883" \| "6149657" \| "6195586" \| "6266568" \| "6304787" \| "6421569" \| "7044942" \| "7146227").PN. OR ("7315763").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 12:15 |
| S23 | 512 | S5 S11 S12 S13 S14 S15 S17 S18 S21 S22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 12:17 |
| S24 | 185 | S23 and ((stylet or guidewire or "guide-wire" or wire or stiffen$4 or introduc$4) with (lumen or channel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 12:17 |
| S25 | 2 | ("4819647").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/03/15 12:22 |
| S26 | 88 | S19 and ((stylet or guidewire or "guide-wire" or wire or stiffen$4 or introduc$4) with (slit or valve or seal$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 12:26 |
| S27 | 68 | ("3890977" \| "4368730" \| "4456017" \| "4545390" \| "4586923" \| "4619274" \| "4681570" \| "4694838" \| "4724846" \| "4738667" \| "4832047" \| "4955862" \| "5025799" \| "5040543" \| "5078684" \| "5085635" \| "5090960" \| "5116309" \| "5122136" \| "5178158" \| "5184627" \| "5209727" \| "5211636" \| "5222941").PN. OR ("5554114"). | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 12:36 |

| | | URPN. | | | | |
|---|---|---|---|---|---|---|
| S28 | 92 | ("3890977" \| "4194513" \| "4425919" \| "4445892" \| "4554929" \| "4573470" \| "4616653" \| "4641654" \| "4646742" \| "4654025" \| "4723550" \| "4762129" \| "4817613" \| "4838268" \| "4846174" \| "4846193" \| "4848344" \| "4892519" \| "4898577" \| "4906241" \| "4928693" \| "4932413" \| "4964409" \| "4967753" \| "4976720" \| "4986814" \| "4988356" \| "4994027" \| "4998917" \| "5003990" \| "5007901" \| "5015231" \| "5026607" \| "5031636" \| "5032113" \| "5045061" \| "5046497" \| "5047018" \| "5047045" \| "5057092" \| "5066285" \| "5114403" \| "5120308" \| "5125905" \| "5171221" \| "5171298" \| "5209728" \| "5217434" \| "5221260" \| "5250034" \| "5256144" \| "5259839" \| "5265622" \| "5290247" \| "5304198" \| "5305740" \| "5312340" \| "5318529" \| "5320604" \| "5324259" \| "5348537" \| "5364354"). PN. OR ("5484409"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 12:37 |
| S30 | 662 | S5 S11 S12 S13 S14 S15 S17 S18 S21 S27 S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 12:53 |
| S31 | 158 | S30 and ((stylet or guidewire or "guide-wire" or wire or stiffen$4 or introduc$4) with (slit or valve or seal$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 12:53 |
| S32 | 309 | S30 and ((stylet or guidewire or "guide-wire" or wire or stiffen$4 or introduc$4) with (lumen or channel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 12:53 |
| S33 | 115 | S31 and S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 12:53 |

| S34 | 352 | S31 or S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 12:55 |
|-----|-----|------------|------|------|------|------|
| S35 | 94 | ("3348548" \| "3890977"). PN. OR ("4154247"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 12:59 |
| S36 | 29 | ("3058472" \| "3064648" \| "3399668" \| "3670727" \| "3729008" \| "3757789" \| "3782381" \| "3890977" \| "4154247" \| "4198973" \| "4214594" \| "4271847"). PN. OR ("4357947"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 13:00 |
| S37 | 34 | ("3348548" \| "3596662" \| "3729008" \| "3890977" \| "3920501" \| "3939843" \| "4026303" \| "4057067" \| "4136703" \| "4154247" \| "4289144").PN. OR ("4394866").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 13:01 |
| S38 | 40 | ("1477695" \| "3367339" \| "3419010" \| "3516412" \| "3547103" \| "3625200" \| "3729008" \| "3890977" \| "4003369" \| "4080706" \| "4136703" \| "4245624" \| "4257421" \| "4285347"). PN. OR ("4454888"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 13:01 |
| S39 | 169 | ("1913229" \| "2688329" \| "3416531" \| "3452740" \| "3452742" \| "3470876" \| "3485234" \| "3500820" \| "3521620" \| "3547103" \| "3552384" \| "3605725" \| "3773034" \| "3854473" \| "3924632" \| "4020829" \| "4033331" \| "4245624"). PN. OR ("4586923"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 13:03 |
| S40 | 71 | ("3631848" \| "4619274" \| "4719924").PN. OR ("4846193").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 13:05 |
| S41 | 112 | ("4368730" \| "4636346" \| "4676229" \| "4784639"). PN. OR ("4955862"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 13:06 |

| S42 | 1130 | S5 S11 S12 S13 S14 S15 S17 S18 S21 S27 S28 S35 S36 S37 S38 S39 S40 S41 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:08 |
|---|---|---|---|---|---|---|
| S43 | 234 | S42 and ((stylet or guidewire or "guide-wire" or wire or stiffen$4 or introduc$4) with (slit or valve or seal$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:08 |
| S44 | 581 | S42 and ((stylet or guidewire or "guide-wire" or wire or stiffen$4 or introduc$4) with (lumen or channel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:08 |
| S45 | 170 | S43 and S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:08 |
| S46 | 978 | ("607"/$.ccls.) and ((stylet or wire or guidewire or "guide-wire" or stiffen$4 or obturator or introducer) with (seal$4 or plug$4 or close or closed or closure or membrane or overmold or cap or capping or cover $4)) and ((seal$4 or plug $4 or close or closed or closure or membrane or overmold or cap or capping or cover$4) with proximal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:23 |
| S47 | 732 | S46 and (stylet or wire or guidewire or "guide-wire" or stiffen$4 or obturator or introducer) with (lumen or channel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:27 |
| S48 | 485 | S47 and ((seal$4 or plug $4 or close or closed or closure or membrane or overmold or cap or capping or cover$4) with (lumen or channel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:27 |
| S49 | 483 | ("607"/$.ccls.) and ((seal $4 or plug$4 or close or closed or closure or membrane or overmold or cap or capping or cover $4) adj2 proximal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:32 |

| S50 | 298 | ("607"/$.ccls.) and (proximal adj2 (seal$4 or plug$4 or close or closed or closure or membrane or overmold or cap or capping or cover$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:32 |
|---|---|---|---|---|---|---|
| S51 | 327 | (S49 or S50) and ((stylet or wire or guidewire or "guide-wire" or stiffen$4 or obturator or introducer) with (seal$4 or plug$4 or close or closed or closure or membrane or overmold or cap or capping or cover $4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:33 |
| S52 | 375 | (S49 or S50) and ((stylet or wire or guidewire or "guide-wire" or stiffen$4 or obturator or introducer) with (lumen or channel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:33 |
| S53 | 439 | S51 S52 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:33 |
| S54 | 263 | S51 and S52 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:33 |
| S55 | 72 | ("4203430" | "4207873" | "4777955" | "4882777" | "4920980" | "4960134" | "4984581" | "5170787" | "5255679" | "5263493" | "5275162" | "5304214" | "5327905" | "5354297" | "5383923" | "5445148" | "5456664" | "5487385" | "5540679" | "5545200" | "5549581" | "5575772" | "5582609" | "5617854" | "5626136" | "5642736" | "5656030" | "5673695" | "5680860" | "5730127" | "5755760" | "5782760" | "5797905" | "5800428" | "5823955" | "5827278" | "5836947" | "5860920" | "5860974" | "5865800" | "5879295" | "5882333" | "5882346" | "5899860" | "5931811" | "5935102" | "5938694" | "5951471" | "5984909" | "5997526" | | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 13:42 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | "6002955" \| "6035224" \| "6064902" \| "6088614" \| "6090104" \| "6096036" \| "6102908" \| "6106522" \| "6117101" \| "6129724" \| "6146381" \| "6162219" \| "6169916" \| "6171277" \| "6219582" \| "6242472" \| "6325797" \| "6383151" \| "6529756" \| "6547788" \| "6645199" \| "6771996"). PN. OR ("7410486"). URPN. | | | | |
| S56 | 1236 | "hemostasis valve" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 13:44 |
| S57 | 90 | ("607"/$.ccls.) and S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:44 |
| S58 | 101 | ("20020193742" \| "3769984" \| "4011875" \| "4106512" \| "4146036" \| "4185639" \| "4217913" \| "4282885" \| "4311153" \| "4355646" \| "4467806" \| "4506680" \| "4537186" \| "4577642" \| "4649904" \| "4649938" \| "4667686" \| "4819661" \| "4886074" \| "4932407" \| "4934381" \| "4943289" \| "4953564" \| "5002067" \| "5003990" \| "5003992" \| "5011482" \| "5013310" \| "5014696" \| "5015238" \| "5016646" \| "5041107" \| "5099838" \| "5103837" \| "5207683" \| "5234437" \| "5243996" \| "5266325" \| "5283063" \| "5299580" \| "5304121" \| "5304218" \| "5313943" \| "5324324" \| "5348021" \| "5350404" \| "5381790" \| "5397343" \| "5425755" \| "5433729" \| "5447534" \| "5456708" \| "5458621" \| "5476498" \| "5476501" \| "5487385" \| "5496360" \| "5507301" \| "5507724" \| "5509411" \| "5514173" \| "5520194" \| "5522874" \| "5531780" \| "5545204" \| "5562275" \| "5584873" \| "5609622" \| "5620477" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 13:48 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | "5643231" \| "5669790" \| "5693034" \| "5755765" \| "5755766" \| "5782239" \| "5782760" \| "5800495" \| "5800497" \| "5803928" \| "5807384" \| "5897819" \| "5902329" \| "5910364" \| "5935137" \| "5935160" \| "5951597" \| "5957842" \| "6039685" \| "6042624" \| "6141576" \| "6192280" \| "6193748" \| "6240321" \| "6287280" \| "6356791" \| "6377856" \| "6408213" \| "6447539" \| "6473651"). PN. OR ("6901288"). URPN. | | | | |
| S59 | 2782 | ("607"/$.ccls.) and ((seal $4 or plug$4 or close or closed or closure or membrane or overmold or cap or capping or cover$4 or slit$4 or valve or capped) with proximal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:50 |
| S60 | 785 | S59 and stylet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:50 |
| S61 | 325 | S59 and ((seal$4 or plug$4 or close or closed or closure or membrane or overmold or cap or capping or cover$4 or slit $4 or valve or capped) with (stylet or guidewire or "guide-wire")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 13:51 |
| S62 | 40 | ("3769984" \| "4355646" \| "5003990" \| "5304218" \| "5381790" \| "5487385" \| "5584873" \| "5755765" \| "5755766" \| "5800495"). PN. OR ("6192280"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 14:05 |

| S63 | 35 | ("20020193742" \| "3769984" \| "4311153" \| "4506680" \| "4577642" \| "4649938" \| "4819661" \| "4886074" \| "4953564" \| "5002067" \| "5003992" \| "5015238" \| "5397343" \| "5425755" \| "5447534" \| "5456708" \| "5476501" \| "5496360" \| "5507724" \| "5522874" \| "5531780" \| "5620477" \| "5669790" \| "5693034" \| "5720631" \| "5755766" \| "5782760" \| "5807384" \| "6039685" \| "6042624" \| "6192280" \| "6193748" \| "6287280" \| "6473651").PN. OR ("6634364").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 14:08 |
|-----|-----|-----|-----|-----|-----|-----|
| S64 | 10 | ("4502492" \| "5330520" \| "5398683" \| "5803928" \| "5851227" \| "6192280").PN. OR ("6389320").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/15 14:09 |
| S65 | 0 | ("2004/0127968").URPN. | USPAT | OR | ON | 2009/03/15 14:16 |
| S66 | 133 | (607/55).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/03/15 14:17 |
| S67 | 188 | (607/137).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/03/15 14:17 |
| S68 | 2484 | (607/115-119).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/03/15 14:17 |
| S69 | 431 | S46 and (proximal with (aperture or orifice or open or opening)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 14:20 |
| S70 | 370 | S69 and ((stylet or wire or guidewire or "guide-wire" or stiffen$4 or obturator or introducer) with (lumen or channel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 14:20 |

| S71 | 309 | (600/372-397.ccls.) and ((stylet or wire or guidewire or "guide-wire" or stiffen$4 or obturator or introducer) with (seal $4 or plug$4 or close or closed or closure or membrane or overmold or cap or capping or cover $4)) and ((seal$4 or plug $4 or close or closed or closure or membrane or overmold or cap or capping or cover$4) with proximal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 14:27 |
|-----|-----|-----|-----|-----|-----|-----|
| S72 | 4883 | ("606"/$.ccls.) and ((stylet or wire or guidewire or "guide-wire" or stiffen$4 or obturator or introducer) with (seal$4 or plug$4 or close or closed or closure or membrane or overmold or cap or capping or cover $4)) and ((seal$4 or plug $4 or close or closed or closure or membrane or overmold or cap or capping or cover$4) with proximal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 14:29 |
| S73 | 278 | (("20030045921") or ("20030093139") or ("20030171758") or ("20030233115") or ("20040049148") or ("20040078057") or ("20040122501") or ("20050004627") or ("20050085841") or ("20050085842") or ("20050149104") or ("20050149105") or ("20050228481") or ("20050256560") or ("20050267408") or ("20060058861") or ("20060178720") or ("20060217755") or ("20060224101") or ("20060224102") or ("20060235500") or ("20070016132") or ("20070016165") or ("20070021771") or ("20070060910") or ("20070078439") or | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/03/15 14:39 |

("20070083188") or
("20070142752") or
("20070185435") or
("20070221700") or
("20070221701") or
("20070225562") or
("20070255303") or
("20070255306") or
("20080004684") or
("20080015625") or
("20080027411") or
("20080027517") or
("20080058722") or
("20080067852") or
("20080077221") or
("20080109022") or
("20080119849") or
("20080119850") or
("20080147046") or
("20080147063") or
("20080147064") or
("20080147119") or
("20080154256") or
("20080183035") or
("20080188800") or
("20080215151") or
("20080221506") or
("20080243066") or
("20080255419") or
("20080255569") or
("20080269864") or
("20080300638") or
("20080312506") or
("20090043370") or
("4273605") or
("4332053") or
("4463765") or
("4759378") or
("4771776") or
("4771777") or
("4793350") or
("4795427") or
("4821722") or
("4856529") or
("4898168") or
("4917088") or
("4917104") or
("5002532") or
("5226421") or
("5228441") or
("5236424") or
("5238005") or
("5246007") or
("5256143") or
("5275611") or
("5281218") or

("5284128") or
("5312360") or
("5315887") or
("5315996") or
("5322064") or
("5345936") or
("5348554") or
("5357979") or
("5370660") or
("5378236") or
("5382238") or
("5383876") or
("5391147") or
("5397341") or
("5415166") or
("5423811") or
("5456694") or
("5478330") or
("5484407") or
("5497784") or
("5514112") or
("5520644") or
("5520645") or
("5536252") or
("5588964") or
("5591179") or
("5607462") or
("5637086") or
("5651373") or
("5656029") or
("5658278") or
("5662608") or
("5697927") or
("5697948") or
("5752970") or
("5766203") or
("5779688") or
("5842971") or
("5860923") or
("5873817") or
("5882345") or
("5908405") or
("5908446") or
("5938671") or
("5971955") or
("6004328") or
("6013085") or
("6014579") or
("6019718") or
("6047516") or
("6056743") or
("6071010")).PN. or
(("6174318") or
("6202256") or
("6228068") or
("6228071") or

| | | ("6231563") or ("6235022") or ("6241702") or ("6241744") or ("6312460") or ("6475237") or ("7063708") or ("7269461") or ("7272449") or ("7384407") or ("7451000") or ("RE34564")).PN. | | | | |
|---|---|---|---|---|---|---|
| S74 | 524 | ("607"/$.ccls.) and ((stylet or wire or guidewire or "guide-wire" or stiffen$4 or obturator or introduc$4 or steer$4) with (lumen or channel)) and (proximal with (slit or slot or valve)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 14:56 |
| S75 | 961 | ("607"/$.ccls.) and ((stylet or wire or guidewire or "guide-wire" or stiffen$4 or obturator or introduc$4 or steer$4) with (lumen or channel)) and (proximal with (slit or slot or valve seal$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 14:58 |
| S76 | 303 | S74 and ((stylet or wire or guidewire or "guide-wire" or stiffen$4 or obturator or introduc$4 or steer$4) with (slit or slot or valve or seal$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 14:58 |
| S77 | 499 | S75 and ((stylet or wire or guidewire or "guide-wire" or stiffen$4 or obturator or introduc$4 or steer$4) with (slit or slot or valve or seal$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/15 14:58 |

3/15/2009 6:46:52 PM
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